

Ingy Mesh Compact DALI Book 20 Wireless Controller

Overview

- Single Channel DALI Wireless Controller
- Featured with a connector designed to Zhaga Book 20 specifications (Mount to 1/2" Knockout)
- Compatible with Ingy Wirepas Mesh Systems
- Features High and Low-End Trim Adjustment, Zoning & Continuous Dimming
- Compatible with DALI D4i
- Compact Design



Applications

The PSC-ZBD-WCM-100-WPS-IG is a Single Channel Wireless Fixture Controller, featured with a connector designed to Zhaga Book 20 specifications.

The product includes a Book 20 connector-based wiring harness to simplify installation. The controller mounts in a 1/2" knockout and is secured by the included optional clips or via the threaded body.

The product is designed to work with a Wirepas mesh system. The controller communicates directly with DALI drivers and is controlled wirelessly via Wirepas Mesh technology.

Operation

Ingy Wirepas Mesh: The PSC-ZAD-I sensor-controller is compatible with a Wirepas mesh network and configured via Ingy software.

Single Channel Control: The controller provides a single channel of D4i compatible DALI output for driver control.

Quick Connector: The controller is compatible with Zhaga Book 20 C22-T1A and includes a Book 20 wiring harness.

See the Ingy Commissioning User Manual for more information.

Summary

Product Type:
Wireless DALI Controller

Input Voltage | Current Consumption:
DALI Bus | 50 mA

DALI: Complies with DALI Zhaga D4i Specifications

Mounting: Zhaga Book 20 C22-T1A
(or 1/2" Knockout)

Max Wireless Range¹:
100ft (30.4m)

Operating Temperature:
-40°F to 158°F (-40°C to 70°C)

Storage Temperature:
-40°F to 185°F (-40°C to 85°C)

Relative Humidity:
90-95% non-condensing

Color: White

Warranty: 5 years

Accessories

The controller operates on power from the DALI Bus. See the Wiring Table for designation of wiring tabs/slots.

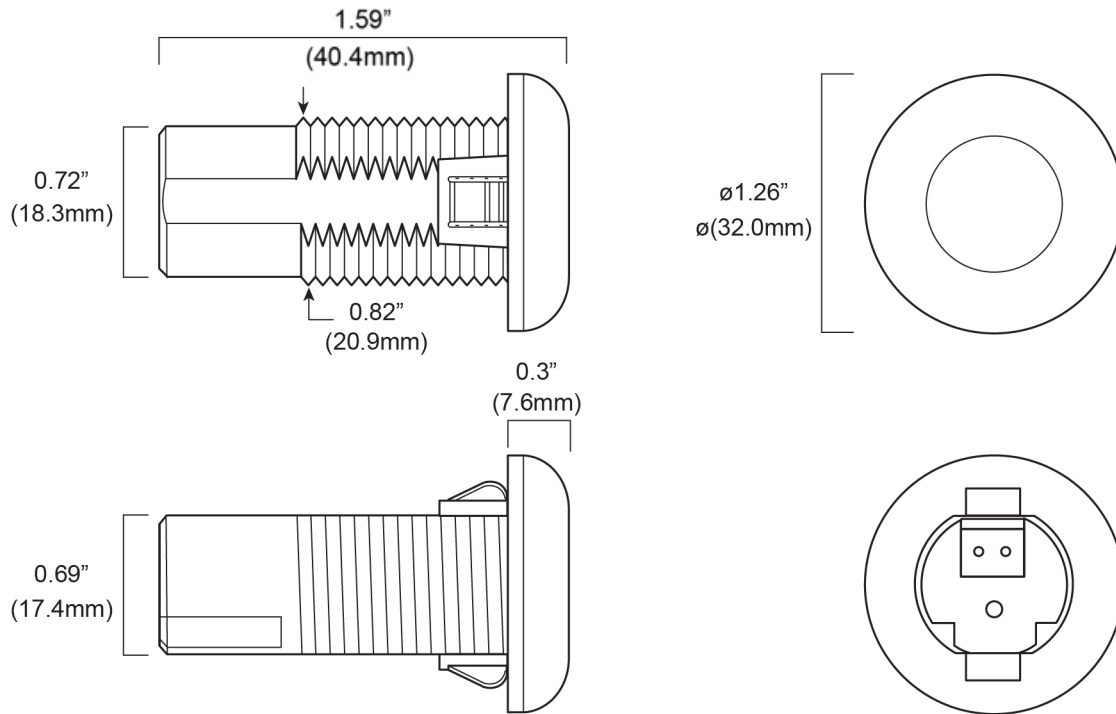
Note:

1. Wireless Range is highly dependent on the integration of fixtures, surrounding environment and conditions. It is recommended to conduct testing for wireless range accuracy.

Project

Location/Type

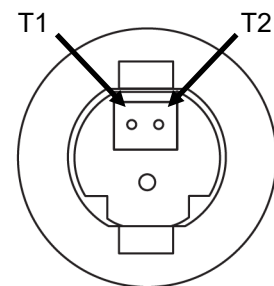
Physical Dimensions



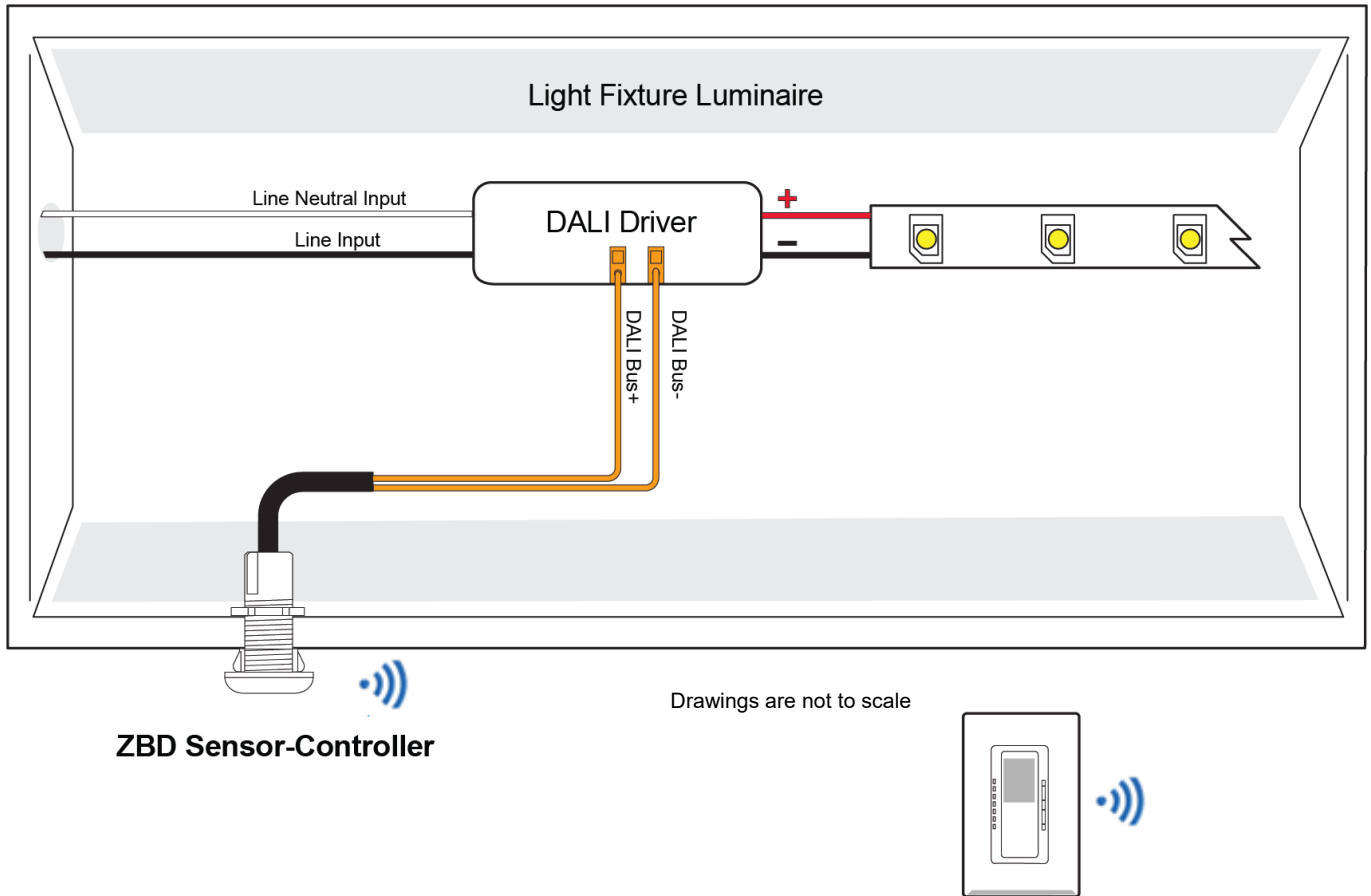
Drawing Are Not To Scale

Controller Wiring

Tab/Slot	Designation	Notes
T1	DALI Bus (Communication & Power)	Black Wire (22AWG)
T2	DALI Bus (Communication & Power)	Black Wire (22AWG)



Example Application: Controller Installed with DALI Driver



How To Order

Model No.	Description	Input Voltage	Output
PSC-ZBD-WCM-200-WPS-IG	Luminaire Controller, Ingy Wirepas Mesh Technology White Finish	DALI Bus (~16VDC)	DALI

Design and specifications are subject to change without notice.